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PUB-NO: JP363086254A

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TITLE: FLAT TYPE BATTERY

PUBN-DATE: April 16, 1988

INVENTOR-INFORMATION:

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TOSHIBA BATTERY CO LTD

APPL-NO: JP61228373

APPL-DATE: September 29, 1986

INT-CL (IPC): H01M 2/30

ABSTRACT:

PURPOSE: To eliminate the need of increasing size and to prevent the damage of an insulating sealing body by connecting positive and negative terminals with lead terminals with solder having a specified melting point.

CONSTITUTION: Lead terminals 7, 8 made of nickel are bonded to the peripheries of a negative terminal plate 5 and a positive terminal plate 6 through solder layers 9, 10. Solder for solder layers 9, 10 has an ingredient of 33 wt% Sn, 33 wt% Bi, and 34 wt% Pb and a melting point of 120°C. By using this connection procedure, the need of increasing size is eliminated, and deterioration in discharge performance of a battery caused by the damage of an insulating sealing body made of hot-melt resin in connection of lead terminals 7, 8 is prevented.

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